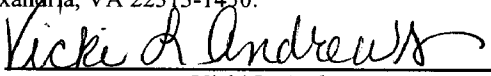


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<p>In re the Patent Application of:</p> <p>Applicant: Satoru Miyano, <i>et al.</i></p> <p>Serial No.: 10/722,033</p> <p>Filed: November 25, 2003</p> <p>Title: Inferring Gene Regulatory Networks From Time Ordered Gene Expression Data Using Differential Equations</p>	<p>Group Art Unit: 1631</p> <p>Examiner: Pablo S. Whaley</p> <p>Confirmation No. 6506</p> <hr/> <p style="text-align: center;"><u>Certificate of Electronic Filing</u></p> <p>I hereby certify that the attached Response and all marked attachments are being deposited by Electronic Filing on December 26, 2006 by using the EFS-Web patent filing system and addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>By:  Vicki L. Andrews</p>
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RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated September 25, 2006, please amend the above-identified application as follows:

Amendments to the Specification are reflected on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 7 of this paper.

Conclusion is on page 15 of this paper.